

Exhibit 300: Capital Asset Summary

Part I: Summary Information And Justification (All Capital Assets)

Section A: Overview & Summary Information

Date Investment First Submitted: 2009-06-30
Date of Last Change to Activities: 2012-08-15
Investment Auto Submission Date: 2012-02-28
Date of Last Investment Detail Update: 2012-02-28
Date of Last Exhibit 300A Update: 2012-08-15
Date of Last Revision: 2012-08-15

Agency: 006 - Department of Commerce **Bureau:** 07 - Bureau of the Census

Investment Part Code: 01

Investment Category: 00 - Agency Investments

1. Name of this Investment: Census - Geographic Support Systems (GSS)

2. Unique Investment Identifier (Ull): 006-000400900

Section B: Investment Detail

- 1. Provide a brief summary of the investment, including a brief description of the related benefit to the mission delivery and management support areas, and the primary beneficiary(ies) of the investment. Include an explanation of any dependencies between this investment and other investments.**

The GSS provides the Census address list, maps, geographic reference files, and processing systems to meet geographic requirements of all Census Bureau programs and operations. The GSS includes the integrated MAF/TIGER database (MTdb) - Master Address File (MAF) inventory of addresses and the Topologically Integrated Geographic Encoding and Referencing (TIGER) inventory of streets and other map feature information. The GSS also includes the annual Boundary Annexation Survey (BAS). The base GSS supports the collection of boundaries required to support estimates in demographic and economic areas (covering approximately 25% of functioning governments). The Decennial Census traditionally provides resources to collect the boundaries for the other 30,000 governments. The GSS initiative is a 10-year life cycle program that expands existing programs and introduces new work that began in 2011 to: 1-Improve address updates by utilizing state, tribal, and local government updates; update address inventory in areas not covered by the US Postal Service (USPS) Delivery Sequence File (DSF); collect GPS locations for new addresses and develop and implement methods for group quarters and Puerto Rico address updates; 2-Update street features (adding newly constructed streets and street attributes, i.e., street names) and correct spatially inaccurate street locations; and 3-Expand quality measurement procedures to assess address quality, identify areas for updating and evaluating and improving updating procedures, determine suitability for Current Surveys and other programs,

and refine the address universe determination for various programs. Also, as part of the GSS Initiative's work to improve addresses, the Community Address Updating System (CAUS) will transition from the MAF TIGER Enhancement Program (MTEP) to the GSS. The CAUS Program supports the GSS Initiative through fieldwork that will be limited to targeted blocks that provide indicators of the challenges of rural addresses. Addresses collected through CAUS additionally will support the American Community Survey. Currently, the GSS has a critical dependency on the Census IT Infrastructure which provides computers, servers, phones, switches, and other resources. Without a centralized IT, the GSS would be responsible for procuring these resources, resulting in a loss of standardization and of cost efficiencies.

2. How does this investment close in part or in whole any identified performance gap in support of the mission delivery and management support areas? Include an assessment of the program impact if this investment isn't fully funded.

The GSS supports the Department of Commerce's Science and Information goal. Specifically, the Departmental objective to Improve Understanding of the US economy, society, and environment by providing timely, relevant, trusted and accurate data, standards, and services enabling entities to make informed decisions. Further, the GSS supports the Census Bureau's Strategic Plan Goal 2.b. to: Provide timely, relevant, accurate, and accessible benchmark measures of the U.S. population, economy, and governments to assess U.S. competitiveness, identify new business opportunities, and foster domestic job growth. For many years, stakeholders have urged the Census Bureau to initiate a comprehensive and ongoing program to improve and maintain address and geographic data. The Congress, Office of Management and Budget (OMB), the Government Accountability Office (GAO), tribal, state, county, and local governments, and academia expressed their concerns with the absence of continuous updates.

3. Provide a list of this investment's accomplishments in the prior year (PY), including projects or useful components/project segments completed, new functionality added, or operational efficiency achieved.

Produced MAF TIGER database benchmarks as required; Conducted Fall and Spring DSF refresh from USPS; Assigned addresses to geographic locations (automated geocoding); Prepared and maintained maps; Developed and maintained partnerships with Federal, tribal, state and local government and commercial entities for the acquisition of address and mapping data; Coordinated Federal collection, sharing and dissemination of cultural and demographic data (fulfilling lead agency obligations as assigned in OMB Circular A-16); Supported the Geospatial Line of Business and provided data to the Geospatial One-Stop and Data.gov; Created annual Geographic Update System in Support of Intercensal Estimates (GUSSIE) Benchmark; Processed returns from BAS participants including late submissions; Identified and conducted activities that improve address coverage and feature updates; Began internal investigation on how to identify and implement viable change detection techniques; and others.

4. Provide a list of planned accomplishments for current year (CY) and budget year (BY).

Specific accomplishments expected to be completed in the current year (FY12) include:

Creating BAS benchmark products for participating government entities; Conducting Fall and Spring DSF refresh from USPS; Processing returns from BAS participants including late submissions; Creating the annual Geographic Update System in Support of Intercensal Estimates (GUSSIE) Benchmark; Developing functioning tracking, processing and reporting systems in support of receiving and processing government entity address lists; Developing an improved geocoding system; Developing functioning management, acquisition, distribution and use systems in support of receiving and processing partner-supplied feature updates; and Identifying a viable change detection technique; either by acquiring the software for in-house use or contracting for services. Specific accomplishments expected to be completed in the budget year (FY13) include: Listing addresses in at least 2,000 targeted census blocks in CAUS program; developing GPS collection capability, enhancing software functionality, modifying MAF processing; and others. These activities support the Department of Commerce general goal/objective generating and communicating new, cutting-edge scientific understanding of technical, economic, social and environmental systems.

- 5. Provide the date of the Charter establishing the required Integrated Program Team (IPT) for this investment. An IPT must always include, but is not limited to: a qualified fully-dedicated IT program manager, a contract specialist, an information technology specialist, a security specialist and a business process owner before OMB will approve this program investment budget. IT Program Manager, Business Process Owner and Contract Specialist must be Government Employees.**

2011-07-08

Section C: Summary of Funding (Budget Authority for Capital Assets)

1.

Table I.C.1 Summary of Funding

	PY-1 & Prior	PY 2011	CY 2012	BY 2013
Planning Costs:	\$0.0	\$13.3	\$1.0	\$0.0
DME (Excluding Planning) Costs:	\$0.0	\$0.0	\$11.5	\$7.7
DME (Including Planning) Govt. FTEs:	\$0.0	\$1.3	\$1.3	\$5.9
Sub-Total DME (Including Govt. FTE):	0	\$14.6	\$13.8	\$13.6
O & M Costs:	\$74.7	\$8.3	\$8.5	\$13.2
O & M Govt. FTEs:	\$119.1	\$15.5	\$15.8	\$11.6
Sub-Total O & M Costs (Including Govt. FTE):	\$193.8	\$23.8	\$24.3	\$24.8
Total Cost (Including Govt. FTE):	\$193.8	\$38.4	\$38.1	\$38.4
Total Govt. FTE costs:	\$119.1	\$16.8	\$17.1	\$17.5
# of FTE rep by costs:	486	88	88	118
Total change from prior year final President's Budget (\$)		\$0.0	\$0.0	
Total change from prior year final President's Budget (%)		0.00%	0.00%	

2. If the funding levels have changed from the FY 2012 President's Budget request for PY or CY, briefly explain those changes:

N/A

Section D: Acquisition/Contract Strategy (All Capital Assets)

Table I.D.1 Contracts and Acquisition Strategy

Contract Type	EVM Required	Contracting Agency ID	Procurement Instrument Identifier (PIID)	Indefinite Delivery Vehicle (IDV) Reference ID	IDV Agency ID	Solicitation ID	Ultimate Contract Value (\$M)	Type	PBSA ?	Effective Date	Actual or Expected End Date
Awarded	1323	DOCCM130105CT0055YA132305CT0007T3003	CM130105CT0055	1301							
Awarded	1323	DOCYA132308CQ0012T001	DOCYA132308CQ0012	1323							
Awarded	1323	DOC50YABC266044									
Awarded	1323	DOCYA132308CN0034									
Awarded	1323	DOCYA132308CN0034									
Awarded	1323	DOCYA132311CN0022									

2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:

Per DOC guidance EVM is required for contracts with DME spending of \$25 million or more. All contracts are under \$25 million except for two which are both for maintenance contracts (steady state spending).

Exhibit 300B: Performance Measurement Report

Section A: General Information

Date of Last Change to Activities: 2012-08-15

Section B: Project Execution Data

Table II.B.1 Projects

Project ID	Project Name	Project Description	Project Start Date	Project Completion Date	Project Lifecycle Cost (\$M)
4009D11001	Address Updates	Develop GPS collection capability and enhance software functionality; Develop functioning tracking, processing and reporting systems in support of receiving and processing government entity address lists; Develop an improved geocoding system; List addresses in at least 20,000 targeted census blocks in CAUS program.			
4009D11002	Feature Updates	Develop functioning management, acquisition, distribution and use systems in support of receiving and processing partner-supplied feature updates; Identify a viable change detection technique; either acquire the software for in-house use or contract for services.			

Activity Summary

Roll-up of Information Provided in Lowest Level Child Activities

Activity Summary

Roll-up of Information Provided in Lowest Level Child Activities

Project ID	Name	Total Cost of Project Activities (\$M)	End Point Schedule Variance (in days)	End Point Schedule Variance (%)	Cost Variance (\$M)	Cost Variance (%)	Total Planned Cost (\$M)	Count of Activities
Project ID	Name	Total Cost of Project Activities (\$M)	End Point Schedule Variance (in days)	End Point Schedule Variance (%)	Cost Variance (\$M)	Cost Variance (%)	Total Planned Cost (\$M)	Count of Activities
4009D11001	Address Updates							
4009D11002	Feature Updates							

Key Deliverables

Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days)	Schedule Variance (%)
4009D11002	Feature Updates (Change Detection I)	Identify a viable change detection technique; either acquire the software for in-house use or contract for services	2012-01-20	2012-01-20	2012-02-01	80	-12	-15.00%
4009D11001	Address Updates (Partnership Software I)	Develop functioning tracking, processing and reporting systems in support of receiving and processing government entity address lists	2012-01-27	2012-01-27	2012-01-27	87	0	0.00%
4009D11001	Address Updates (GPS I)	Develop GPS collection capability and enhance software functionality	2012-01-27	2012-01-27	2012-01-27	87	0	0.00%
4009D11001	Address Updates (Geocoding I)	Develop an improved geocoding system	2012-01-27	2012-01-27	2012-01-27	87	0	0.00%
4009D11002	Feature Updates (Partnership Software I)	Develop functioning management, acquisition, distribution and use systems in support of receiving and processing partner-supplied	2012-01-27	2012-01-27	2012-01-27	87	0	0.00%

Key Deliverables								
Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days)	Schedule Variance (%)
		feature updates						
4009D11002	Feature Updates (Change Detection II)	Review compatibility of viable change detection technique; either acquire the software for in-house use or contract for services	2012-07-16	2012-07-16		177	-46	-25.99%
4009D11001	Address Updates (Partnership Software II)	Test functioning tracking, processing and reporting systems in support of receiving and processing government entity address lists	2012-07-23	2012-08-27		177	-39	-22.03%
4009D11001	Address Updates (GPS II)	Test GPS collection capability and enhance software functionality	2012-07-23	2012-08-27		177	-39	-22.03%
4009D11001	Address Updates (Geocoding II)	Test improved geocoding system	2012-07-23	2012-08-27		177	-39	-22.03%
4009D11002	Feature Updates (Partnership Software II)	Test functioning management, acquisition, distribution and use systems in support of receiving and processing partner-supplied feature updates	2012-07-23	2012-08-27		177	-39	-22.03%
4009D11002	Feature Updates (Change Detection III)	Begin modification of viable change detection technique; either acquire the software for in-house use or contract for services	2012-08-20	2012-08-20		34	-11	-32.35%

Section C: Operational Data

Table II.C.1 Performance Metrics

Metric Description	Unit of Measure	FEA Performance Measurement Category Mapping	Measurement Condition	Baseline	Target for PY	Actual for PY	Target for CY	Reporting Frequency
Time to send e-mail or telephone response.	Hours	Customer Results - Timeliness and Responsiveness	Under target	4.000000	4.000000	2.280000	4.000000	Monthly
Actual reported BAS Participant response rates.	Percent	Mission and Business Results - Support Delivery of Services	Over target	85.000000	85.000000	88.700000	85.000000	Quarterly
Processing DSF and additional files from USPS	Number of DSF refreshes	Process and Activities - Cycle Time and Timeliness	Under target	2.000000	2.000000	2.000000	2.000000	Semi-Annual
Evaluation of change detection technology.	Percent	Process and Activities - Productivity	Over target	0.000000	100.000000	100.000000	100.000000	Semi-Annual
Evaluation of MAF Coverage	Percent	Technology - Information and Data	Over target	0.000000	100.000000	100.000000	100.000000	Monthly